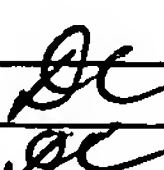
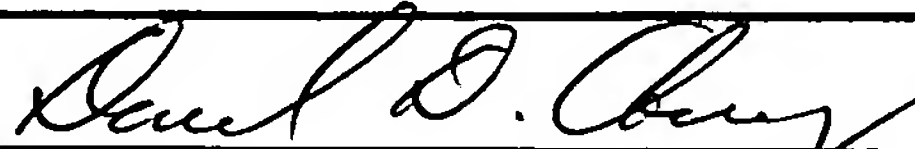


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|  | | | | Application Number | 10/650,364 | |
| | | | | Filing Date | August 27, 2003 | |
| | | | | First Named Inventor: | Harshvardhan Sharangpani | |
| | | | | Art Unit | 2819 | |
| | | | | Examiner Name | Chang, Daniel D. | |
| Attorney Docket Number | 81862P289 | | | | | |
| U.S. PATENT DOCUMENTS | | | | | | |
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | | |
|  | | US- | 5,163,016 | 11/10/1992 | Har'El et al. | |
| | | US- | 5,949,251 | 9/7/1999 | Chambers | |
| | | US- | 6,253,112 B1 | 6/26/2001 | Flora-Holmquist et al. | |
| | | US- | 6,266,634 B1 | 7/24/2001 | Buchsbaum et al. | |
| | | US- | 6,380,924 B1 | 4/30/2002 | Yee et al. | |
| | | US- | US 2003/0120480 A1 | 6/26/2003 | Mohri et al. | |
| | | US- | US 2005-0012521 A1 | 1/20/2005 | Sharangpani | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|---|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
|  | | WO 94/19757 | | | 9/1/1994 | Kaplan et al.. | | |
| | | WO 2004/063886 A2 | | | 7/29/2004 | Sharangpani et al. | | |
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| Examiner Signature |  | Date Considered | 4/17/06 |
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| Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Complete if Known | | |
| | | | | Application Number | 10/650,367 4 | |
| | | | | Filing Date | August 27, 2003 | |
| | | | | First Named Inventor: | Harshvardhan Sharangpani | |
| | | | | Art Unit | 2819 | |
| | | | | Examiner Name | Chang, Daniel D. | |
| Sheet | 2 | of | 2 | Attorney Docket Number | | 81862P289 |
| NON PATENT LITERATURE DOCUMENTS | | | | | | |
| Examiner Initials* | Cite No ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | | | | T ² |
| De | | Alfred V. Aho, et al., "Compilers: Principles, Techniques, and Tools," Addison-Wesley Publishers, pp. i-x, and 83-278 (March 1988) | | | | |
| De | | Daniel Jurafsky and James H. Martin, "Speech and Language Processing: An Introduction to Natural Language Processing, Computational Linguistics, and Speech Recognition," Prentice Hall Inc., pp. i-xxvi and 1-90 (2000) <i>No month</i> | | | | |
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|-----------------------|------------------------|--------------------|---------|
| Examiner Signature | <i>Daniel D. Chang</i> | Date Considered | 4/17/06 |
|-----------------------|------------------------|--------------------|---------|

*Examiner. Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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